

AMENDMENT TO THE CLAIMS:

1. (Currently Amended) A spacer discharging apparatus of an FED (Field Emission Display) comprising:

a first resistor ~~resister~~ connected between an anode electrode of the FED and a high voltage power source unit applying a high voltage to the anode electrode; and

a switch unit connected between the anode electrode and the first resistor ~~resister~~, selectively connecting the anode electrode ~~[[and]]~~ to a spacer ground electrode of the FED,

wherein control of the switch unit is based on a value of a voltage applied to the anode electrode and a predetermined reference voltage value.

2. (Currently Amended) The apparatus of claim 1, wherein the switch unit is connected in series between the anode electrode and the spacer ground electrode and turned on and off ~~on/off~~.

3. (Original) The apparatus of claim 2, wherein the switch is one of a high voltage relay, a high voltage switch and a thyristor.

4. (Currently Amended) The apparatus of claim 2, further comprising:
a controller for turning ~~on/off~~ the switch on and off.

5. (Currently Amended) The apparatus of claim 4, wherein the controller comprises:

a detector for detecting ~~[[a]]~~ the value of ~~[[a]]~~ the voltage of the anode electrode when the voltage applied to a scan electrode or the anode electrode of the FED is cut off;

a comparator for comparing the detected voltage value and ~~[[a]]~~ the predetermined reference voltage value; and

a transistor driven on the basis of the comparison result.

6. (Original) The apparatus of claim 5, wherein the switch is turned on when a current flows at the transistor, and the switch is turned off when no current flows at the transistor.

7. (Currently Amended) The apparatus of claim 1, wherein the switch unit comprises:

a switch connected in series between the anode electrode and the spacer ground electrode and turned on and off ~~on/off~~; and

a second ~~resistor~~ resister connected in series between the switch and the spacer ground electrode.

8. (Currently Amended) The apparatus of claim 7, wherein the switch is one of a high voltage relay, a high voltage switch and a ~~thyrister~~ thyristor.

9. (Currently Amended) The apparatus of claim 7, further comprises:

a controller for turning ~~on/off~~ the switch on and off.

10. (Currently Amended) The apparatus of claim 9, wherein the controller comprises:

a detector for detecting a the value of a the voltage of the anode electrode when the voltage applied to a scan electrode or the anode electrode of the FED is cut off;

a comparator for comparing the detected voltage value and a the predetermined reference voltage value; and

a transistor driven on the basis of the comparison result.

11. (Original) The apparatus of claim 10, wherein the switch is turned on when a current flows at the transistor, and the switch is turned off when no current flows at the transistor.

12. (Currently Amended) The apparatus of claim 6 7, wherein the second resistor resistor is maintained at at or below a predetermined voltage.

13. (Original) The apparatus of claim 12, wherein the predetermined voltage is a voltage at which the spacer is not radiated.

14. (Currently Amended) The apparatus of claim 12, wherein the second resistor resistor is connected between the anode electrode and the switch.

15. (Currently Amended) The apparatus of claim 12, wherein the second resistor resistor is connected between the switch and the spacer ground electrode.

16. (Currently Amended) A spacer discharging method of an FED (Field Emission Display), the method comprising:

~~a step in which when a voltage applied to a scan electrode of the FED is cut off or a voltage applied to an anode electrode is cut off, a value of the voltage of the anode electrode is measured and a control signal is outputted based upon the measured voltage value; and~~

~~a step in which a switch connecting the anode electrode and a spacer ground electrode is on/off according to the control signal to discharge electric charge charged on a spacer~~

detecting a value for the voltage of an anode electrode of the FED, when a voltage applied to a scan electrode of the FED is cut off or a voltage applied to the anode electrode is cut off;

generating a control signal based upon the detected voltage value and a predetermined reference voltage value; and
selectively connecting the anode electrode to a spacer ground electrode according to the control signal to discharge an electric charge charged on a spacer of the FED.

17. (Canceled)

18. (Currently Amended) The method of claim 16, wherein, ~~in the~~ in discharging ~~[[step]],~~ the discharge time is controlled according to a resistance value of a resistor ~~resister~~ connected between a ~~between the~~ switch and the spacer ground electrode of the FED, wherein the switch is connected between the anode electrode and the spacer ground electrode.

19. (Currently Amended) The method of claim 18, wherein, ~~in the~~ in discharging ~~[[step]],~~ the voltage applied to the anode electrode is maintained at ~~[[at]]~~ or below a predetermined voltage according to the resistance value.

20. (Original) The method of claim 19, wherein the predetermined voltage is a voltage at which the spacer is not radiated.